

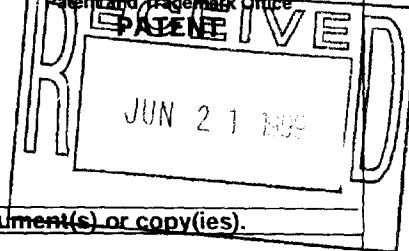
06-23-1999



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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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PCT  PCT  PCT

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Enter the total number of properties involved. #

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Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

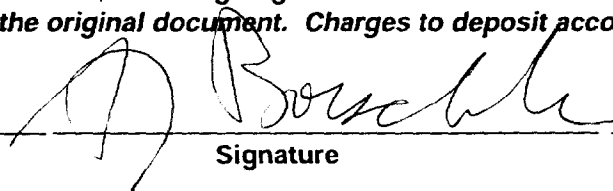
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**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

August J. Borschke



JUNE 16, 1999

Name of Person Signing

Signature

Date

## ASSIGNMENT

**WHEREAS, R. J. REYNOLDS TOBACCO COMPANY**, a corporation of the State of **NEW JERSEY** having its principal place of business at 401 North Main Street, Winston-Salem in the County of Forsyth and State of North Carolina is the assignee of United States Patent No. **5,227,385**; issued **July 13, 1993**; having all rights, title and interest to said invention and patent application by Assignment recorded in the United States Patent Office on **March 13, 1992** on **Reel 6114** and **Frame 0570**.

**NOW, THEREFORE**, to all whom it may concern, be it known that **R. J. REYNOLDS TOBACCO COMPANY**, hereby sells, assigns and transfers for good and valuable consideration the receipt of which is hereby acknowledged to **TARGACEPT, INC.** a corporation of the State of **DELAWARE** having a place of business at **WINSTON-SALEM** in the County of **FORSYTH** and State of **NORTH CAROLINA** its successors, assigns and legal representatives, its entire right, title and interest for all countries, in and to the invention disclosed and claimed, and as possessed by the undersigned, any invention which is disclosed but not claimed, in United States Patent No. **5,227,385**; filed **July 13, 1993**; and entitled **METHOD FOR TREATMENT OF NEURODEGENERATIVE DISEASES** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents and Trademarks to issue to the Assignees, the corporations above named, their successors, assigns and legal representatives, in accordance with this agreement, any and all United States Letters Patent on said inventions disclosed in said application;

Agree that said Assignees may apply for and receive foreign Letters Patent for said inventions; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge but at the expense of said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignees, their successors, assigns, and representatives, all facts known

to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignees, their successors, assigns and legal representatives; and

COVENANT with said Assignees, their successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, R. J. REYNOLDS TOBACCO COMPANY has caused its corporate name to be hereunto subscribed by Gary T. Burger, and its seal to be hereunto affixed this 9th day of April, 1999.

R. J. REYNOLDS TOBACCO COMPANY

By: *Gary T. Burger*

STATE OF NORTH CAROLINA )  
COUNTY OF DAVIDSON ) SS.

Before me this 9th day of April, 1999 personally appeared Gary T. Burger to me personally known to be the person(s) who is/are described in and who executed the above instrument, and he/they acknowledged to me that he/they executed the same of his/their own free will for the purposes therein set forth.

*Renee S. Prevette*  
Notary Public  
OFFICIAL SEAL  
RENEE S. PREVETTE  
NOTARY PUBLIC-NORTH CAROLINA  
COUNTY OF DAVIDSON  
My Commission Expires April 8, 2002